VOLUME 32 1989

SUBJECT INDEX

A_2 receptors, 203
Abstinence syndrome, 671
Abuse, 283
Acetylcholine, 707, 841
Acetylcholinesterase, 867
ACh levels, 1075
ACTH, 475, 557
Active avoidance, 317
Active shock avoidance, 533
Activity, 77
Adenosine, 181, 459, 487
Adenylate cyclase, 533
Adrenal activity, 913
α_2-Adrenoceptor-stimulated feeding, 391
β_2-Adrenoceptor antagonist, 187
α_2-Adrenoceptors, 749
β-Adrenoceptors, 533
Adult offspring behavior, 323
Age effects, 361
Aggression, 867, 919
Aggressive mice, 111
Agonist activity, 939
Alcohol, 293, 667
Alcohol consumption, 1061
Alcohol-preferring and -nonpreferring rats, 1061
Allesthesia, 117
Alpha-1-acid glycoprotein, 1043
Alpha-1 adrenoceptors, 927
Alpha-2 adrenoceptor agonists, 927
Alpha-2 adrenoceptor antagonists, 927
Alpha-2 adrenoceptors, 927
Alpha-adrenoreceptor, 831
Alpha- and beta-receptors, 133
Alpha-flupentixol and spatial navigation, 211
Alternation task, 49
Alternation test, 283
Alzheimer's disease, 841
Amfonelic acid, 977, 983
2-Amino-7-phosphonoheptanoic acid, 733
Amiodarone, 87
Amnesia, 187, 787, 873
Amphetamine, 71, 147, 355, 361, 577, 581, 683, 723, 769, 1017
d-Amphetamine, 55, 65, 241, 249, 447, 711, 857
Analgesia, 505, 613, 661, 717, 727, 897, 939, 961
Animal newborn, 1067
Anisomycin, 867, 873, 1003
Anorexia, 147, 275, 819
Antagonist, 933
Antagonist activity, 939
Anticonvulsant activity, 27
Anticonvulsants, 595, 733, 823
Antidepressant properties, 111
Antinociception, 657
Anxiety, 151, 181, 801, 807, 919
Anxiety model, 777
Anxiogenic-like effect, 259
Anxiolytic method, 773
Anxiolytic-like effect, 259
Anxiolytics, 331, 807
Apomorphine, 43, 71 77, 141, 151, 249, 533, 589, 651, 723, 815
Appetite, 769
Arcuate nucleus, 391
Area postrema, 1033
Arousal, 919
Aspartame, 17
Atenolol, 807
Atropine, 309, 495, 867, 1075
Atropine methyl nitrate, 971
Atropine sulfate, 175, 971
Attention, 399
Aversion, 431
Aversive and nonaversive tasks, 885
Aversive environmental stimuli, 857
Avoidance, 677
Azaprophen, 495

BAER, 757
Barbiturates, 897
Barrel rotation, 629
Behavior, 27, 885
Behavioral tolerance, 267, 283
Behavioral toxicity, 819
Behavioral toxicology, 17
Benzodiazepine, 181, 613, 743, 801, 823, 901
Benzodiazepine inverse agonist, 163
Benzodiazepine receptor, 667
Benzodiazepine receptor antagonists, 671, 901
Benzodiazepine-methylxanthine interaction, 773
Beta-alanine, 505
Beta-carbolines, 27
B-HT 920, 815
Bicuculline, 357, 563
Blood ethanol levels, 431
BMY-14,802, 87
Body weight, 1025
Brain regions, 791
Brain-stimulation reward, 977, 983
Brown adipose tissue, 301
Buffer, 831
Bufo regularis, 83
Buspirone, 87, 227, 259, 1049

C57BL, 241
Caffeine, 181, 399, 459, 773, 1017
Calcium antagonist, 595
Cat, 207, 459, 519, 671, 861
Catalepsy, 621, 661, 717
Catch-up growth, 957
Catecholamines, 9, 629
CD-1, 241
Central and peripheral benzodiazepine receptors modulation, 879
Cerebellum, 827
Cerebral cortex, 827, 831
Cerebral laterality, 293
Cerebral lateralization, 425
Cerebrospinal fluid (CSF), 227
CF-1, 241
CGS 8216, 671
CH-38083, 927
Chemoconvulsions, 233
Chick, 187
Chicken, 377
Chloramphenicol, 867
Chlordiazepoxide, 123, 743, 801
Chloro-2(1-piperazinyl)pyrazine (MK-212), 657
p-Chlorophenylalanine, 815
Chlorophenylpiperazine (mCPP), 657
Cholinergic, 495
Cholinergic hypofunction, 841
Cholinergic system, 787
Chronic administration, 227
Chronic naltrexone, 727
Chronic neuroleptics, 1057
Chronic stress, 737
Chronic treatment, 1075
Cigarette smoking, 677
Circadian, 1043
Circadian clock, 901
Circadian rhythm, 475, 491
Circling, 849
Cisplatin, 207
Clonazepam, 367, 773
Clonidine, 133, 151, 383, 749
Cocaine, 71, 267, 447, 463, 527, 691, 857, 1017
Cognitive performance, 399
Colchicine, 301
Cold, 1025
Concurrent schedules, 347
Conditional discriminations, 439
Conditioned fear, 469
Conditioned place aversion, 355
Conditioned place preference, 355
Conditioned saccharin aversion, 819
Conditioned stereotypy, 249
Conditioned suppression, 807
Conditioned Suppression of Drinking (CSD), 801
Conditioned taste aversions, 1, 17, 1033
Conditioning, 581
Conflict, 1025
Conflict behavior, 801, 807
Continuous reinforcement, 55, 65
Convulsions, 367
Copulatory pelvic thrusting, 169
Core temperature, 331
Corpus striatum, 425
Cortico-striatal pathway, 337
Corticosterone, 37, 557
Corticotropin releasing factor, 197
Corticotropin-releasing hormone, 919
Cortisol, 9
Cough reflex, 357
m-CPP, 37
CRF, 967
CRF antagonist, 197
Cross-sensitization, 581
Cumulative food intake, 147
Cycloheximide, 787
Cyclohexyladenosine (CHA), 487
Cyclopentyladenosine (CPA), 487
Cyproheptadine, 415, 585
Cysteamine, 629

D1, 691, 1033

D1 and D2 dopamine receptors, 141
D-1/D-2 receptors, 203
D2, 691, 1033
DAGO, 469
DBA, 241
p,p′-DDT, 993
Decortication and neuroleptics, 211
Deer mouse, 613
Delayed matching-to-sample, 439
Delta-receptor, 469
Denervation supersensitivity, 337
Depressants, 283
Depression, 737, 913, 927
Deprivation, 383
Desipramine, 533, 967
Dexfenfluramine, 1025
Dextrofenfluramine, 573
DFP, 867
5,7 DHT, 993
Diazepam, 27, 367, 479, 613, 671, 807
Differential-reinforcement-of-low-rate, 643
Dihydroergosine, 111
Discrimination, 971
Discrimination accuracy, 707
Discriminative stimulus, 711
Dopamine, 43, 95, 221, 249, 337, 553, 621, 945, 949, 977, 993, 1033, 1049, 1067
Dopamine D_2 receptors, 447, 815
Dopamine receptors, 691, 717
Dopamine release, 71
Dopamine turnover, 425
Dopaminergic sites, 151
Dorsal raphe, 625
Dose, 1009
Dose-response, 361
Double blind, 1065
DPDPE, 469
Drinking, 415
Drive, 1025
DRL schedule of reinforcement, 967
Drug concentration, 347
Drug discrimination, 87, 361, 607, 1017
Drug discrimination learning, 1
Drug interactions, 309, 479, 711, 807, 1017
Drug reinforcement, 347
Drug self-administration, 347
Drug-adulterated food, 891
Dyskinesia, 505

Eating time, 133
EEG, 987
EEG activity, 861
EEG spectral analysis, 27
EKG, 83
Electrodermal activity, 9
Electromyography, 9
Emesis, 207
Endogenous modulator, 1043
Endogenous opiate system, 737
Endogenous opioids, 469
Environment-specificity, 581
Environmentally-induced analgesia, 961
Epileptic seizures, 405
Ethanol, 233, 361, 533, 1071
Ethanol self-administration, 431
Ethanol sensitivity, 827
Ethanol withdrawal, 163
Ethanolamine-O-sulfate, 275
Ethylcholine mustard aziridinium, 841
Eticlopride, 717
Evolutionary origin of central reward mechanism, 355
Excitatory amino acids, 337, 733
Exploration, 853
Exploratory behavior, 487
Extinction, 65

Fasting, 101
Fear and/or anxiety, 569
Feed refusal, 819
Feeding, 133, 275, 415, 769, 907
Feeding rate, 133
d-Fenfluramine, 411
FEP, 757
Fetal Alcohol Syndrome, 283
FG-7142, 233, 671
Fixed interval, 267
Fixed-consecutive-number, 439
Fixed-interval performance, 643
Fixed-interval schedule, 479
Fixed-ratio, 643
Fixed-ratio schedule, 347
Flash evoked potentials, 511
Fluphenazine, 71, 1057
Flurazepam, 87
Food deprivation, 347
Food intake, 367, 483, 573
Food motivation, 1025
Food restriction, 957
Food satiation, 347
Force-proportional reinforcement, 499
Formalin test, 469
FSH, 157

GABA, 111, 275, 357, 505, 563, 625, 667, 849, 1067
GABA agonists, 879
GABA and glycine antagonists, 169
GABA-transaminase, 275
Genital grooming, 853
Gepirone, 259, 1049
Glucose, 553
Glutamate, 621
Glutamate receptors, 337
Glutamic acid, 733
Glutamic acid diethyl ester, 733
Glycine, 505, 993
Goldfish, 355
Gonadotropins, 157
Grooming, 853
Growth hormone, 37
Guinea pigs, 421, 1057

H_1-antagonists, 861
[^{3}H]Dopamine synaptosomal uptake, 699
Habenula nucleus, 77
Haloperidol, 87, 95, 589, 621, 683, 967, 1033
Hamsters, 589
Head twitch behavior, 585
Heart rate, 9, 83
Heroin, 527, 1009
Hippocampectomy and neuroleptics, 211
Hippocampus, 95
Homotaurine, 607
Hooded rats, 511
[^{3}H]PCP binding, 699
HPLC, 1071
5-HT, 111
5-HT_3 antagonists, 207
5-HT_{1A} receptor, 259, 491, 1049
5-HT-1B receptor, 491
Humans, 117, 483, 677
Hunger, 117
6-Hydroxydopamine, 43, 577
5-Hydroxytryptamine, 317, 797, 907
Hyperactivity, 577, 823
Hyperalgesia, 961
Hyperlocation, 835
Hyperlocomotion, 835
Hyperprolinemia, 885
Hyperreactivity, 637
Hypothalamic nuclei, 101
Hypothalamo-pituitary-adrenal axis, 323
Hypothalamus, 101, 411, 629
Hypothermia, 141, 511, 533, 661

ICI 118,551, 187
Idazoxan, 749
Iminodipropionitrile, 1003
Imipramine, 37, 737
Immobilization, 1071
Immune function, 913
Incentive, 1025
Ingestive behavior, 117
Inhalation, 987
Inhibition, 637
Inhibitory avoidance, 563
Inositol 1,4,5-trisphosphate, 827
Insomnia, 1065
Insulin, 553
Intertrial interval, 55
Intoxication, 667
Intracortical AF64A, 841
Intrathecal, 505
Intrathecal treatments, 169
Intravenous self-administration, 1009
Ion, 841
Ipsapirone, 259, 1049
Island-mainland populations, 613
Isobologram, 1017
Isolation, 637
Isolation distress, 197

Kappa-receptor, 469
Ketamine, 405, 511
Keypeck, 267
Kindling, 463

L-5-HTP, 259
LH, 157
Large neutral amino acids, 17
Latency to feed, 147
Latent inhibition, 123
Lateral hypothalamus, 275
Learning, 495
Learning/memory, 841
Lesion, 275
Lesions, dorsomedial hypothalamic nucleus, 957
Lever-pressing, 309
Lidocaine, 463
Lindane, 367
Lithium, 453
Locomotion, 853
Locomotor activity, 129, 221, 487, 581, 625, 683, 901, 1003
Long sleep and short sleep mice, 827
Long-term, 37
Long-term memory, 873
Loratadine, 861
Lordosis, 421
LSD, 191
Luteinizing hormone releasing hormone (LHRH), 853
LY 171555, 95, 1033

Male and female rats, 707
Male rats, 1071
Marijuana, 483
Mating behavior, 377
Mazindol, 71
Mecamylamine, 933
16-Me cyprenorphine (Rx 8008M), 469
Median raphe, 625
Melatonin, 157
Memory, 495, 749, 971
Memory consolidation, 563
Mental stress, 9
Meperidine, 87
Mescaline, 191
Met-enkephalin, 791
Metergoline, 601
Methadone, 643
3-Methoxytyramine, 553
Methylatropine, 175
3,4-Methylenedioxymethamphetamine (MDMA), 835
Methysergide, 657, 787
Metrazol, 405
MHPG-SO_4, 569, 791
Mice, 487, 563, 727, 787
Microsomal flavin-containing monooxygenase, 87
Midazolam, 901
MIF-1, 737
Milacemide, 993
Mitochondria, 873
MK-801, 595, 621
Molindone, 439
Monkeys, 607
Monoamine, 1049
Monoamine metabolite, 1049
Monosodium L-glutamate, 391
Montgomery's conflict test, 259
Morphine, 129, 241, 519, 581, 589, 683, 717, 939, 961, 983
Motion sickness, 207
Motor activity, 241, 797
Motor behavior, 919
Motor impairment, 733
Mouse, 667, 777
Mouse motility, 1075
Mouse strains, 241
Mouse-killer rats, 111
MR/Har and MNRA/Har Maudsley rat strains, 801
Mu-receptor, 469
Multiple schedule, 267
Muscarinic receptors, 543
Muscimol, 563, 625, 897
Mycotoxins, 819
Myocardial sensitivity, 475
Myoclonus, 993
Myristica fragrans, 83

N-0437, 447
N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine (BTCP), 699
NaCl intake, 773
N-allylnormetazocine, 711
Naloxone, 511, 563, 589, 613, 737, 961, 977
Naltrexone, 563, 651, 683
Natural killer cells, 913
N-dealkylation, 87
Neonatal brain endocrine ontogenesis, 323
Neonate, 453
N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline, 141
N-ethylcarboxamidoadenosine (NECA), 487
Neural change, 249
Neurochemical asymmetry, 425
Neurochemistry, 227
Neuroendocrinology, 913
Neuroleptics, 337, 439, 499
Neuroleptics and extinction, 211
Neuroleptics and spatial navigation, 211
Neuronal uptake, 475
Neuropeptide Y, 391
Neuropharmacology of feeding, 391
Nicotine, 221, 479, 677, 857, 933
Nicotine blood level, 677
Nicotine gum, 677
Nimodipine, 595
Nisoxetine, 983
NMDA, 621
NMDA receptor antagonist, 595
NMDA receptors, 405
N-n-propylnorapomorphine, 141
Nociception, 601
Nonaggressive, 867
Nonbenzodiazepine anxiolytics, 1049
Noradrenaline, 133
Noradrenaline metabolism, 569
Noradrenaline release, 791
Noradrenergic, 181
Noradrenergic sites, 151
Noradrenergic system, 421
Norepinephrine, 101, 475, 1049
Novelty, 683
Nucleus accumbens, 577, 769
Nucleus basalis, 841
Nutmeg, 83

Ochratoxin A, 819
Off-baseline conditioned suppression, 123
11-OH-Δ^8-THC-DMH, 661
8-OH-DPAT, 227, 259, 573, 797
Olfactory tubercle, 577
One-trial passive avoidance learning, 187
Ontogenesis, 405
Open field, 533, 629, 737, 797
Operant behavior, 49, 949
Operant conditioning, 495
Opiates, 939, 961
Opioid, 961
Opioid antagonists, 563
Opioid system, 117
Opioid-dopamine interactions, 717
Opioids and feeding, 391
Oral route, 347
Organophosphonates, 49
Overdose, 365
Overfeeding, 101
Oxymorphone, 939
Oxymorphone-6-spirohydantoin, 939

Pain, 505, 601, 657
Pain thresholds, 939
Palatability, 1025
Pantethine, 629
Para-ventricular hypothalamus, 133
Paraventricular nucleus, 907
Partial reinforcement, 55, 65
Pavlovian conditioning, 365, 469
Pentobarbital, 347, 355, 357, 365, 711, 891
Pentothal, 897
Periaqueductal gray substance, 853
Peromyscus maniculatus, 613
Pharmacological conditioning, 249
Phase shift, 901
Phase-response curve, 901
Phencyclidine, 1, 87, 711
Phencyclidine (PCP) and derivatives, 699
Phenobarbital, 807, 891
2-(Phenylamine) adenosine (CV-1808), 487
Phenylpropanolamine, 147
Phenytoin, 367
Physical dependence, 1009
Physical exercise, 573
Physostigmine, 309, 511
Picrotoxin, 357, 563
Pigeons, 227, 267, 415, 439, 607, 643, 711
Pimozide, 249, 499, 527, 691, 949
Piribedil, 815
Pituitary cyclic AMP, 557
Place conditioning, 129, 431
Place preference behavior, 683
Plasma amino acids, 1071
Plasma renin activity, 1061
Platelets, 1043
PmP, 259
Power spectrum analysis, 987
Prazosin, 421, 831
Preference, 933
Prenatal stress, 425
Primate, 495
Prolactin, 9, 37, 157, 557
Proline, 885
Propranolol, 133, 807
Protein synthesis inhibition, 873, 1003
Psychological stress, 569
Psychosis, 337
Punished drinking test, 323
Punishment, 743
Puromycin, 749
Pyriform cortex, 463

Quinpirole, 1033
Quipazine, 585

Radial maze, 87
Radioligand binding, 827, 831
Rats, 1, 17, 49, 55, 65, 123, 133, 151, 169, 191, 233, 259, 275, 283, 317, 405, 411, 453, 463, 469, 499, 527, 557, 601, 621, 743, 757, 797, 819, 873, 907, 945, 949, 971, 1009, 1067
Rat brain regions, 569
Rate-dependency, 241, 801
Receptor, 87
Receptor binding, 743
Receptor reserve, 141
Recovery, 841
Regional brain serotonin levels, 993
Reinforcement, 43, 129, 431, 933, 1009
Reinforcement schedule history, 643
REM sleep, 861
Renin-angiotensin system, 1061
Repeated acquisition, 439
Repeated treatment, 95
Reserpine, 815
Resistance to extinction, 55
Respiration, 357
Respiration rate, 9
Respiratory sinus arrhythmia, 175
Response force, 499
Response time, 399
Retina, 191
Reward, 411
Rhesus monkeys, 347, 691
Ritanserin, 787

Ro 15-1788, 233, 613, 617, 901
Ro 15-4513, 163, 233, 671
Ro 5-4864, 367
Rotarod, 699
Route of administration, 677

Salt, 945
Satiety, 133
Satisfaction, 933
Scent, 613
SCH 23390, 71, 141, 585, 651, 691, 717, 945
Schedule-controlled behavior, 479
Schedule-induced polydipsia, 949
Schizophrenia, 337
Scopolamine, 241, 309, 723
Scopolamine hydrobromide, 707
Scopolamine methylbromide, 707
Sedation, 861
Seizures, 733, 1067
Self-administration, 43, 483, 527, 607, 691
Self-stimulation, 411
Semen, 377
Sensitization, 71, 77
Sensorimotor integration, 949
Sensory-evoked potentials, 757
SEP, 757
Serotonergic neuron, 815
Serotonergic system, 787
Serotonin, 259, 415, 491, 573, 585, 601, 1003, 1043, 1049
Serotonin (5-HT), 657
Serotonin antagonists, 657
Serotonin syndrome, 835
Sesquiterpenes, 1065
Set-point, 1025
Sexual behavior, 421
Sham-feeding, 447
Shock predictability, 569
Shock-induced aggression, 867
Sigma, 87
SK&F 38393, 815, 849, 945, 1033
SKF-10,047, 87
Skin blood flow, 601
Skin temperature, 601
Sleep, 27
Sleep-wakefulness, 519
Slow wave sleep (S1), 459
Slow wave sleep (S2), 459
SM-3997, 1049
Smoking, 933
Social behavior, 483, 637
Solvent abuse, 757
Soman, 49
Spasmodic dyskinesias, 1003
Spatial learning, 543
Spinal cord, 831, 897
Spontaneous activity, 661
Spontaneous alternation, 723
Spontaneous firing rate, 95
Spontaneous locomotor activity, 857
Squirrel monkeys, 309, 657, 919
Static ataxia, 661
Stereoselectivity, 661
Stereotyped behavior, 203, 589
Stereotypy, 77, 147, 249
Stimulus control, 283
Strains, 727
Stress, 557, 585, 791, 879, 913, 919, 1071
Stress-induced analgesia, 469
Striatum, 71, 221, 1003, 1067
Stroop test (numerical), 399
Strychnine and bicuculline, 169
Substantia nigra, 849, 1067
Suckling, 453
Sucrose, 383, 447, 499
Sudden death, 331
8-(p-Sulfophenyl)theophylline (8-pSPT), 487
Sulpiride, 71, 141, 651
Superior colliculus, 511
Supersensitivity, 95, 585, 727
Sweet preference, 117
Sympatho-adrenal activation, 9

Tail flick test, 601
Tail posture, 425
Tamoxifen, 87, 377
Tardive dyskinesia, 1057
Taste aversion, 819
TCP, 87
Temperature regulation, 367
Testosterone, 377
TFMPP, 361
THC, 483
Δ^9-THC, 661
Theophylline, 487
Thermogenesis, 301
Thermoregulation, 301
Thienyl-phencyclidine (TCP) and derivatives, 699
Thirst, 945
Time course, 309, 971
Time of injection, 791
Time-response effects, 949
Tobacco, 933
Tolerance, 267, 365, 519
Tolerance development, 543
Toluene, 283, 757, 987
Toxicity, 733
Treadmill, 797
Tremor, 823
Triazolam, 901
Trifluoromethylphenylpiperazine (TFMPP), 657
Trihexyphenidyl, 87
Tryptamine, 317, 907
Tubocurarine, 87
Turning behavior, 425
Type 2 receptors, 823

U50,488H, 469
Ultrasonic calls, 197
Underfeeding, 101
Upregulation, 727
Uptake, 1049

Vagal tone monitoring, 175
Valepotriates, 1065
Valerian, 1065
Vascular activity, 9
Ventral tegmental area, 625
Ventricular action potential, 83
Ventromedial hypothalamus, 301
Visual and auditory discrimination, 707
Visual-evoked potential, 191
VMH lesions, 301

Water intake, 383, 651
Wet dog shaking, 533
Wheel running, 17
White and black test box, 777
Withdrawal, 519
Word recall, 399
Writhing, 505

Xylazine, 207

Yawning, 815
Yohimbine, 151

Zimeldine, 415
ZK 93426, 671

AUTHOR INDEX

Abd Allah, G., 83
Agrasal, C., 157
Ahlenius, S., 797
Akiyoshi, J., 491
Alexander, G. J., 939
Alkondon, M., 867
Allen, J. D., 949
Alling, C., 629
Allweis, C., 873
Altman, H. J., 801
Angelucci, L., 323
Anton, R. F., 163
Apfelbaum, M., 117
Aranko, K., 823
Arendash, G. W., 841
Arnon, E., 377
Asin, K. E., 1033
Aulakh, C. S., 37

Baldwin, H. A., 181
Balfour, D. J. K., 857
Barber, D. J., 447
Bardo, M. T., 683
Barraclough, S., 399
Barrett, J. E., 227, 309
Bassett, J. R., 475
Becker, H. C., 163
Bellinger, L. L., 957
Ben-Or, S., 873
Bennett, R. H., 677
Benowitz, N. L., 677
Bercovitz, H., 55
Berens, K., 439
Berge, O.-G., 601
Bernardis. L. L., 957
Beyer, C., 169, 897
Biggio, G., 671
Bijak, M., 95, 585
Blake, M. J., 743
Blanková-Vaňková, S., 405
Boja, J. W., 361
Bolger, G. T., 595
Boomsma, F., 9
Bradbury, G. E., 77
Brady, J. V., 483
Branch, M. N., 267
Britton, K. T., 967
Bubser, M., 621

Caballero, A., 519
Cabanac, M., 1025
Cadet, J. L., 1003
Calcagnetti, D. J., 469
Cao, L., 553
Caporali, M. G., 203
Capriotti, R. M., 483
Carey, R. J., 577
Carney, J. M., 1017
Castellano, C., 563

Catalani, A., 323
Chance, W. T., 553
Chaouloff, F., 573
Chatterjie, N., 939
Chaudieu, I., 699
Cherek, D. R., 677
Chicheportiche, M., 699
Chicheportiche, R., 699
Church, A. C., 749
Clark, D. E., 819
Cleary, J. P., 439
Cockroft, R., 147
Coen, K. M., 1009
Coenen, A. M. L., 27
Colle, L. M., 769
Commissaris, R. L., 801, 807
Compton, D. R., 661
Cooper, S. J., 447, 945
Copeland, R. L., Jr., 987
Corda, M. G., 671
Corrigall, W. A., 1009
Coscina, D. V., 275
Costa, S. M., 885
Costall, B., 777
Cramer, C. P., 453
Creighton, D., 331
Cunningham, M. G., 463

Dacanay, R. J., 1
Dai, S., 1009
Danguir, J., 573
Davies, D. C., 187
Dawson, R., Jr., 391
de Andres, I., 519
Dellinger, J. A., 175
Dgany, O., 377
Dingemanse, J., 823
Donoso, A. O., 853
Durcan, M. J., 487, 667
Dworkin, S. I., 743
Dykstra, L. A., 439

Eells, J. T., 191
Ehrensing, R. H., 737
Eide, P. K., 601
Elghozi, J.-L., 573
Ellison, G., 1057
Elsmore, T. F., 495, 971
Emmett-Oglesby, M. W., 129
Emurian, C. S., 483
Engel, J. A., 259
Esquifino, A. I., 157
Evans, J. A. C., 77
Evenden, J. L., 211

Fahn, S., 993, 1003
Falk, J. L., 773
Fanselow, M. S., 469
Fantino, M., 117, 1025
Feder, H. H., 421
Feldman, M. J., 957
Feldon, J., 55, 65, 123
Ferber, C., 1025
Fermanian, J., 637
Fernandez, A., 671
File, S. E., 151, 181, 823
Fischer, J. E., 553
Fischman, M. W., 483
Flaherty, C. F., 383
Fletcher, P. J., 317, 907
Flexner, J. B., 749
Flexner, L. B., 749
Foltin, R. W., 483
Fontana, D. J., 807
Foreman, N., 399
Fotuhi, M., 769
Fowler, S. C., 499
Frances, H., 637
Freed, W. J., 337, 733
Fride, E., 425, 873
Fundarò, A., 1075
Fung, Y. K., 221
Furukawa, T., 815

Gabriel, S. M., 391
Galloway, M. P., 993
Gambini, B., 323
Gargiulo, P. A., 853
Gauvin, D. V., 1017
Gear, J. C., 987
Genovese, R. F., 495
Gerber, G. J., 527
Ghosh, T. K., 987
Gilbert, D. B., 945
Giorgi, O., 671
Giovino, A. A., 581
Giuliani, A., 323
Goeders, N. E., 743
Goy, R. W., 421
Gramlich, C. A., 463
Grant, K. A., 607
Grant, V. L., 355
Griffith, J. A., 367
Grigson, P. S., 383
Grothues, A., 415
Grupp, L. A., 431, 1061
Güntürkün, O., 415

Haas, N., 301
Haass, M., 37
Harbaugh, C. R., 197
Harland, R. D., 1017
Harrington, G. M., 801
Harro, J., 879
Harsing, L. G., Jr., 927
Hauger, R. L., 913
Hautkappe, A., 415
Heilig, M., 629
Helmstetter, F. J., 469
Hendrie, C. A., 961
Henningfield, J. E., 933
Hernandez, L., 411
Herr, D. W., 831
Herz, A., 129
Hetzler, B. E., 511
Hill, J. L., 37
Hillegaart, V., 797
Hiroi, N., 249
Hirose, A., 1049
Hizami, R., 141
Hjorth, S., 259
Hoebel, B. G., 411
Holder, M. D., 17
Hole, K., 601
Holloway, F. A., 1017

Ida, Y., 569, 791
Igoin, L., 117
Innes, D. G. L., 613
Insel, T. R., 197, 919
Introini-Collison, I. B., 563
Inturrisi, C. E., 727
Irwin, M. R., 913
Itoh, K., 787
Izenwasser, S., 743, 983

Jaax, N. K., 49
Jackson-Lewis, V., 1003
Jamrozik, Z., 993
Jansen, H. T., 175
Johnston, A. L., 151, 823
Johnston, J. L., 101
Jolly, S. K., 807
Jones, B. J., 777

Kalant, H., 1009, 1061
Kamei, J., 357
Kamenka, J.-M., 699
Kameyama, T., 651, 787
Kant, G. J., 557
Kapocsi, J., 927
Kastin, A. J., 737
Kasuya, Y., 357
Katz, M., 1003
Kavaliers, M., 613
Kawashima, K., 787
Kelly, M. E., 777
Kelly, T. H., 677
Khazam, C., 331
Kiivet, R.-A., 879
Kiritsy-Roy, J. A., 717
Kirkpatrick, M. A., 499
Kliner, D. J., 347
Klitenick, M. A., 625
Knapp, C. M., 977
Kodis, M., 957
Komisaruk, B. R., 169, 897
Koob, G. F., 967
Kornetsky, C., 977, 983
Kosse, K., 891
Kreuscher, S. P., 727
Kreuter, L., 141
Kulkarni, S. K., 233
Kumasaka, Y., 1049
Kuranaga, H., 491
Kuribara, H., 773

Larson, A. A., 505
Laties, V. G., 283
Lau, Y.-S., 221
Lecrubier, Y., 637
Leenen, F. H. H., 1061
Lett, B. T., 355
Leu, J. R., 971
Levin, E. D., 933
Lienard, C., 637
Lindahl, O., 1065
Lindwall, L., 1065
Lister, R. G., 667
Little, P. J., 661
Lorentz, G., 323
Lucot, J. B., 207
Lund, A., 601
Lynch, M. R., 577

McCann, D. J., 87
McCarthy, M. M., 897
McClelland, R. C., 411
McCloskey, T. C., 801, 807
McEwen, B. S., 421
McFarland, D. J., 723
McGaugh, J. L., 563
McKearney, J. W., 657
McLaughlin, C. R., 453
McLean, J. H., 737
McMillan, D. E., 711

Madon, M., 399
Mailman, R. B., 831
Manev, H., 111
Mareš, P., 405
Markowitz, R. A., 309
Marriage, B. J., 101
Martin, B. R., 661
Martinez, R. A., 589
Marzanatti, M., 861
Mastropaolo, J. P., 1
Matsumoto, S., 815
Matsuo, N., 815
Matteucci, M. J., 757
Mattson, S., 293
Mechoulam, R., 661
Mehrabani, P., 475
Mehta, A., 399
Meisch, R. A., 347
Mekkawy, H., 83
Melchior, J.-C., 117
Melk, A.-M., 511
Meller, E., 141
Meyer, E. M., 841
Meyerhoff, J. L., 557
Meyerson, L. R., 1043
Michaelis, R. C., 1017
Mikolášová, S., 405
Milakofsky, L., 1071
Miller, J. M., 1071
Mittleman, G., 211
Modrow, H. E., 49
Moleman, P., 9
Molinengo, L., 1075
Monopoli, A., 861
Montana, W. E., 1033
Moore, C., 399
Moralí, G., 169
Moreira, J. C. F., 885
Morgan, P. F., 487
Moshé, S. L., 1067
Moskowitz, K. H., 1
Mougey, E. H., 557
Mouton, P. R., 841
Murphy, D. L., 37
Muscat, R., 133
Mück-Šeler, D., 111

Nabeshima, T., 787
Nabil, Z., 83
Nader, M. A., 227, 643
Nagashima, M., 815
Nagayama, H., 491
Nakamura, M., 1049
Nakayama, S., 651
Natelson, B. H., 331
Naylor, R. J., 777
Neisewander, J. L., 683
Newman, J. D., 919
Nobrega, J. N., 275

O'Neill, S. K., 595

Ocheret, D., 1043
Ogawa, M., 357
Oguchi, M., 791
Oliveto, A. H., 439
Olson, G. A., 737
Olson, R. D., 737
Ongini, E., 861
Orsetti, M., 1075
Ottenweller, J. E., 331

Parkinson, J. K., 971
Paterson, I. A., 907
Pavone, F., 563
Payne, J. M., 187
Peris, J., 71
Peričić, D., 111
Petitjean, F., 459
Pezzoli, G., 993
Picker, M. J., 439
Pierce, R. C., 683
Pignatiello, M. F., 737
Pőld, M., 879
Popoli, P., 203
Pradhan, S. N., 987
Preston, E., 301
Pryor, G. T., 757

Rabin, R. A., 87
Rägo, L., 879
Ray, A., 867
Rebert, C. S., 757
Rees, D. C., 283
Rens-Domiano, S., 87
Reynolds, E. E., 749
Rigaud, D., 117
Riley, A. L., 1
Riley, E. P., 293
Roberts, D. C. S., 43
Robinzon, B., 377
Rommelspacher, H., 533
Rose, J. E., 933
Rozen, R., 117
Rozenboim, I., 377
Rusk, I. N., 447

Saleh, M., 83
Sampson, A., 933
Sarfaty, T., 411
Satoh, H., 569
Schama, K. F., 267
Schechter, M. D., 361
Schmidt, W. J., 621
Schnur, P., 589
Scotti de Carolis, A., 203
Seale, T. W., 1017
See, R. E., 1057
Segal, D. S., 913
Sen, P., 867
Sharpless, N. S., 1067
Shimizu, H., 1049
Shippenberg, T. S., 129
Shirakawa, K., 815
Shirao, I., 791
Sierra, V., 727
Signs, S. A., 361
Sinton, C. M., 459
Śmiałowski, A., 95, 585
Smith, T. L., 827, 913
Snapir, N., 377
Snodgrass, S. H., 949
Söderpalm, B., 259
Spanos, L. J., 835
Sperber, E. F., 1067
Standish, S. M., 717
Starr, B. S., 849
Starr, M. S., 849
Steinberg, J. L., 677
Stennett, R., 1003
Stewart, J., 581
Stewart, R. B., 431
Strano, R., 1043
Stripling, J. S., 463

Tanaka, H., 1049
Tanaka, M., 569, 791
Tang, M., 773
Tapp, W. N., 331
Tatsuno, T., 1049
Terry, L. C., 717
Thompson, T., 643
Thornton, E. W., 77
Thornton, J. E., 421
Ticku, M. K., 233
Tjølsen, A., 601
Tomkins, D. M., 777
Toth, E., 323
Towell, A., 133
Trampus, M., 861
Tresguerres, J. A. F., 157
Triandafillou, J., 301
Trouiller, G., 699
Truong, D. D., 993
Tsuchiyama, K., 491
Tsuda, A., 569, 791
Tsujimaru, S., 569, 791
Tulen, J. H. M., 9
Turek, F. W., 901

Ukai, M., 651
Upchurch, M., 543

Vale, A. L., 857
Vécsei, L., 629
Velíšek, L., 405
Vezina, P., 581
Vignon, J., 699
Vila, C. J., 365
Villanúa, M. A., 157
Virus, R. M., 691
Visé, F., 415
Vizi, E. S., 927
Vogel, W. H., 1071
van Haaren, F., 707
van Hest, A., 707
van Luijtelaar, E. L. J. M., 27
van Steenis, H. G., 9

Wadenberg, M.-L., 797
Wajner, M., 885
Wallace, D. R., 391
Wannmacher, C. M. D., 885
Wawrzyniak, N., 415
Wee, B. E. F., 901
Wehner, J. M., 543
Weiner, I., 55, 65, 123
Weinstein, D., 1057
Weinstock, M., 425
Wellman, P. J., 147, 819
Wenger, G. R., 241
Wessinger, W. D., 711
Whishaw, I. Q., 211
White, J. M., 479
White, N. M., 249
Wickens, A., 77
Widerlöv, E., 629
Widjaja, S., 533
Wilkison, D. M., 191
Willner, P., 133
Winslow, J. T., 919
Winter, J. C., 87
Wirtshafter, D., 625
Wise, R. A., 527, 581, 769
Wisniewski, H. M., 939
Witkin, J. M., 309, 971
Wolffgramm, J., 533
Wood, R. W., 283
Woolley, D. E., 367
Woolverton, W. L., 607, 691
Wozniak, K. M., 37
Wurpel, J. N. D., 1067

Yamada, K., 815
Yamamoto, B. K., 835
Yirmiya, R., 17
Yoburn, B. C., 727
Yutrzenka, G. J., 891

Zahniser, N. R., 71
Zimmerberg, B., 293
Zohar, J., 37
Zwilling, U., 415